
Simplicity®

OWNER'S MANUAL

MFG. NO. 658 POWER LIFT KIT

SIMPLICITY MANUFACTURING COMPANY, INC.



TP-1329

SER. FORM - OP42
LITHO IN USA

ELECTRIC LIFT KIT MFR. NO. 658

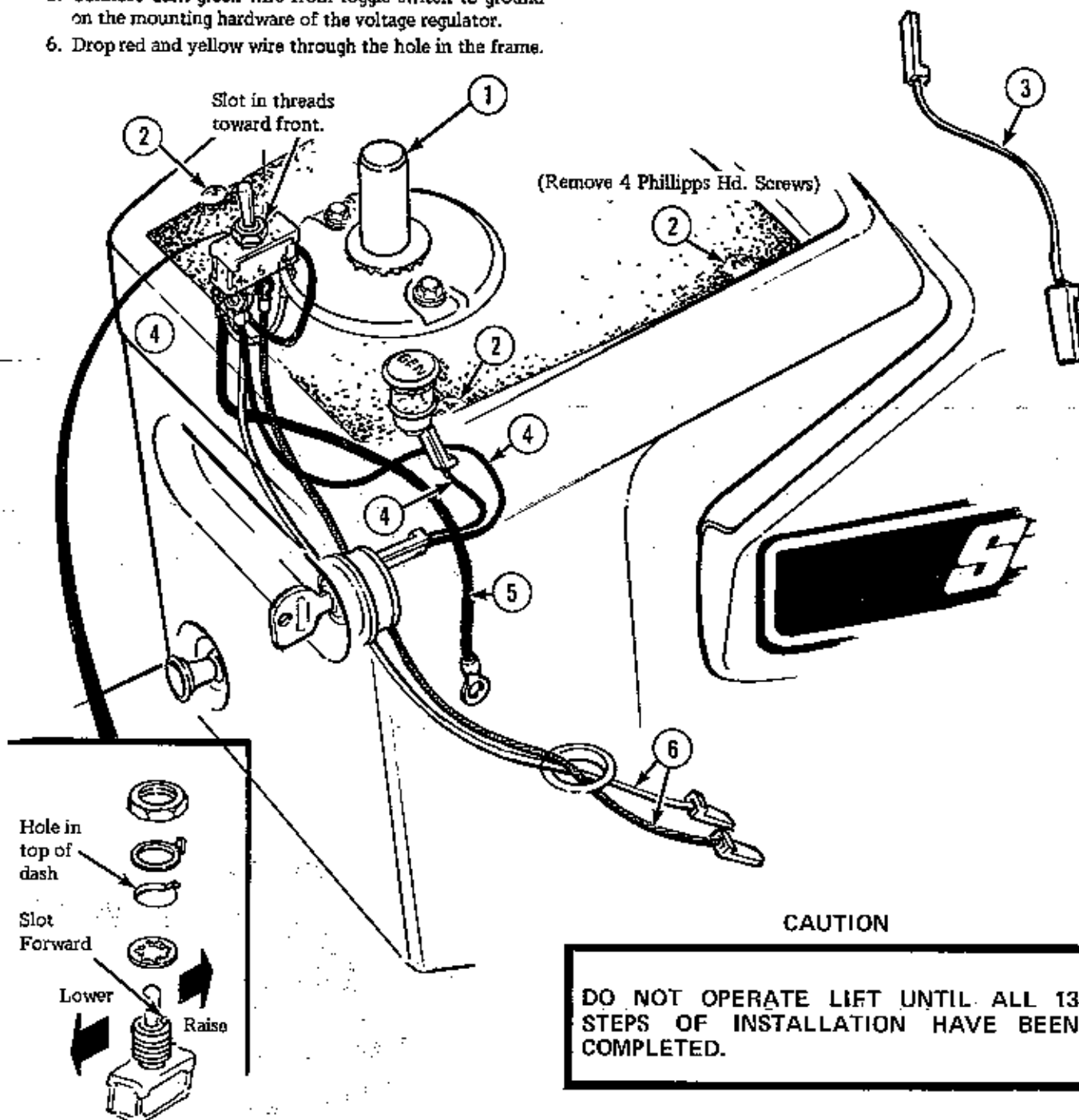
To install the electric lift kit follow the numbered steps below.

DISCONNECT BATTERY BEFORE INSTALLATION

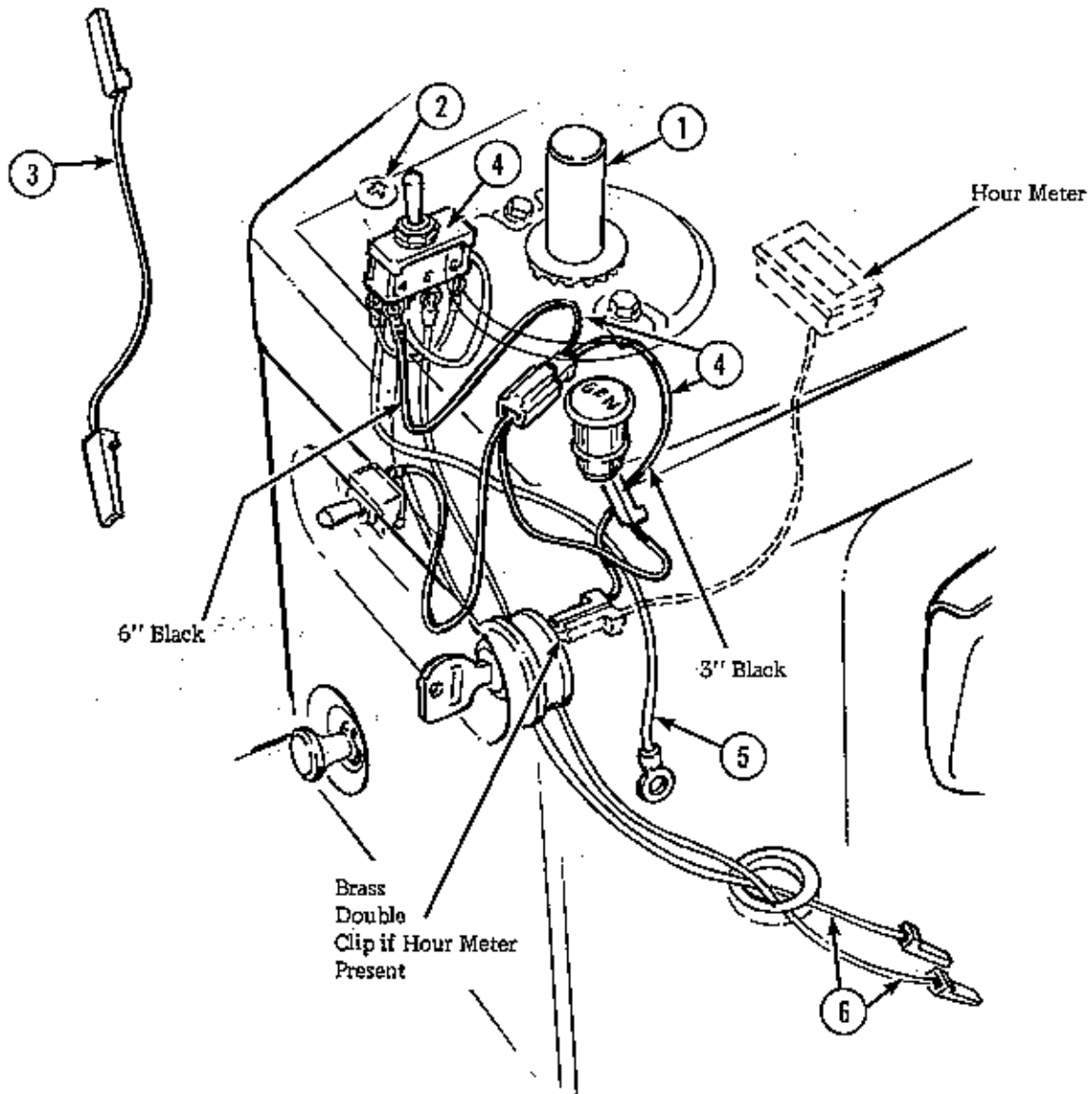
1. Remove steering wheel.
2. Remove dash assembly.
3. Remove and discard black wire between generator light and ignition switch.
4. Install wiring harness and toggle switch. Position the switch so the slot in the threads is toward the front of the tractor. Attach the wiring according to the drawings below.
5. Connect dark green wire from toggle switch to ground on the mounting hardware of the voltage regulator.
6. Drop red and yellow wire through the hole in the frame.

ASSEMBLY INSTRUCTIONS

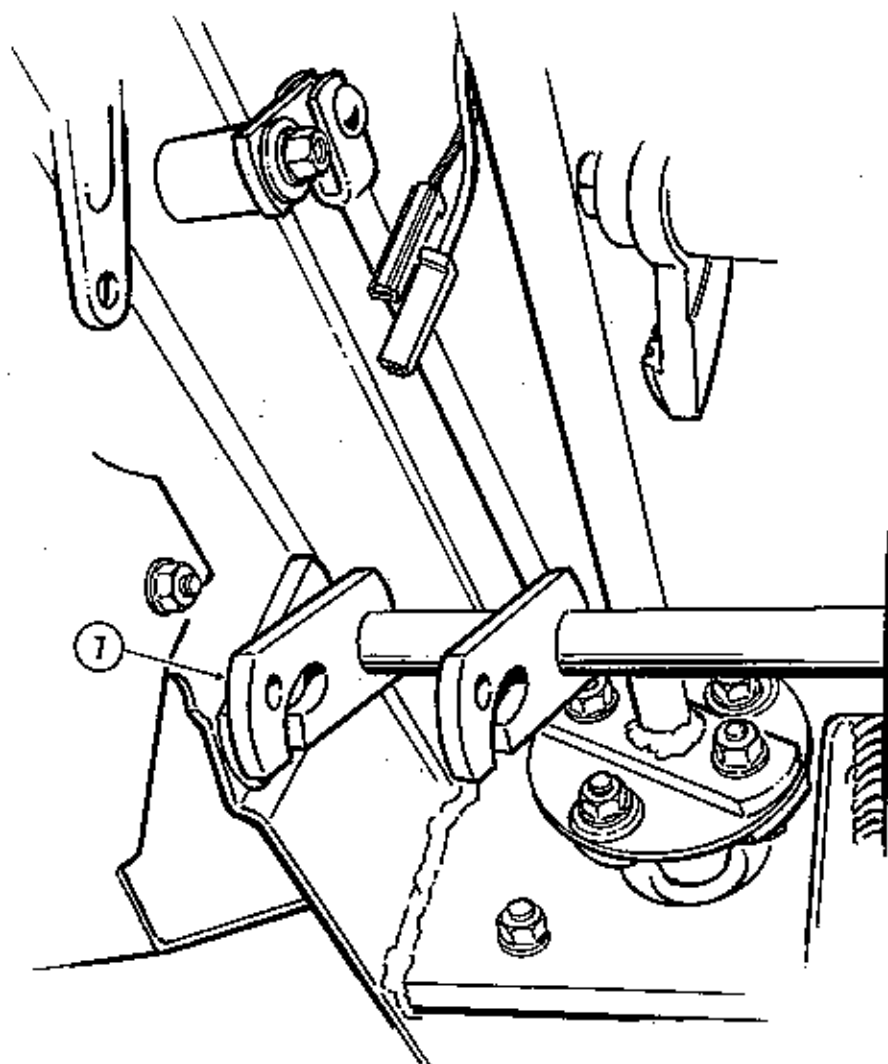
— WIRING WITHOUT LIGHTS INSTALLED —



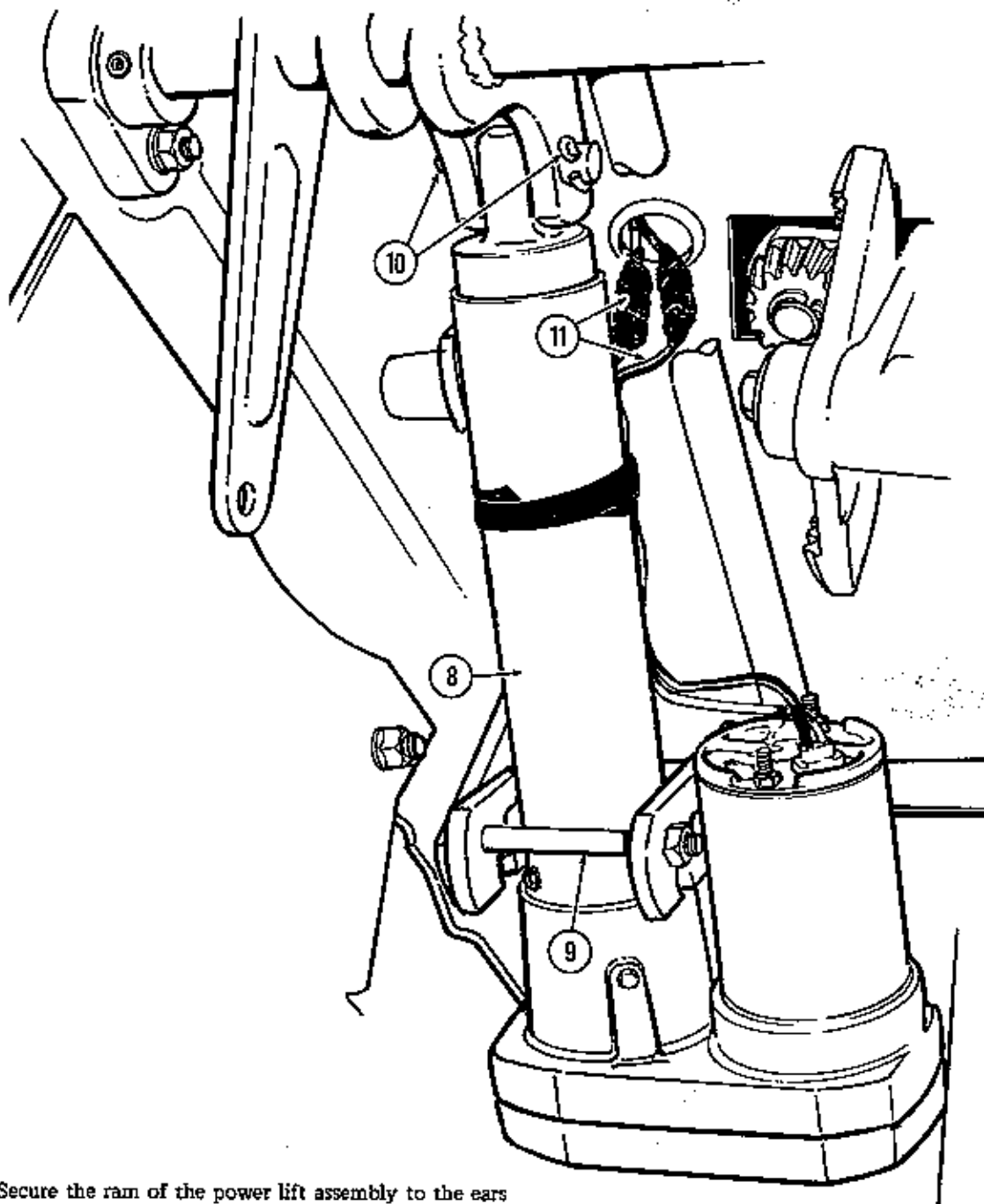
WIRING WITH LIGHTS
— INSTALLED —



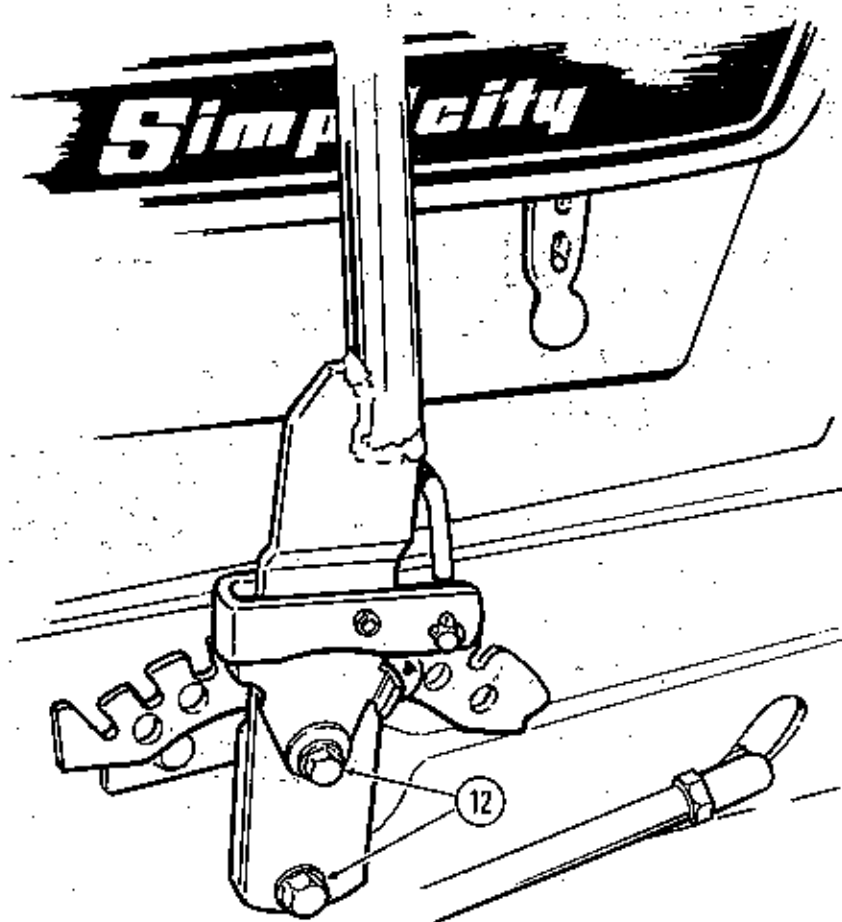
7. Attach the power lift support assembly to the underside of the frame with 4 (715024) Hex Cap Screws, 3/8"-16 x 5/8" lg. and 4 (720002) 3/8" Lock Washers.



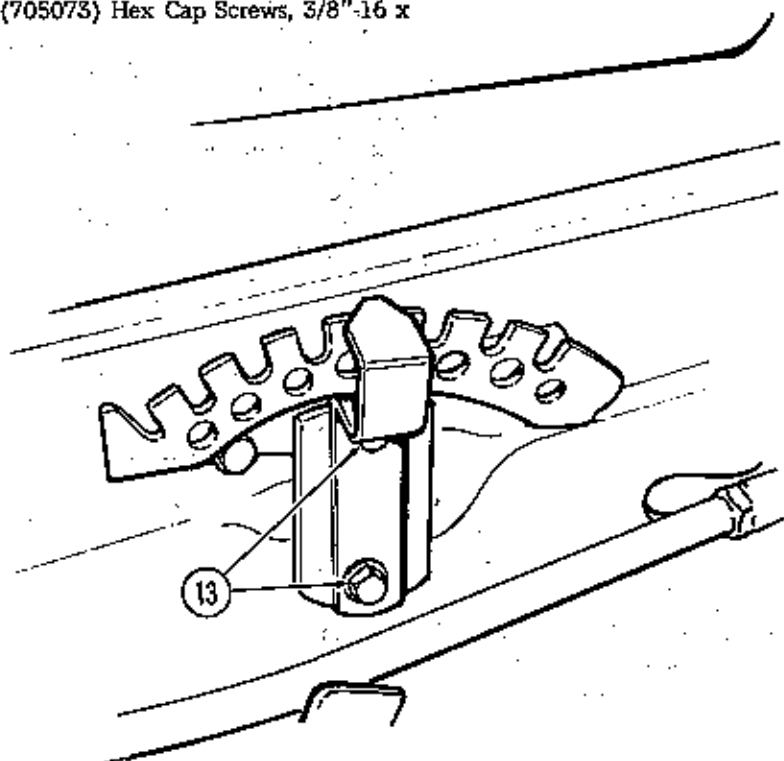
8. Slip the studs of the power lift assembly into the curved slots of the power lift support assembly.
9. Secure the power lift assembly to the power lift support assembly with 1 (715117) Hex Cap Screw, 5/16"-18 x 3-1/4" lg. and 1 (717511) Hex Nut, full lock 5/16"-18.



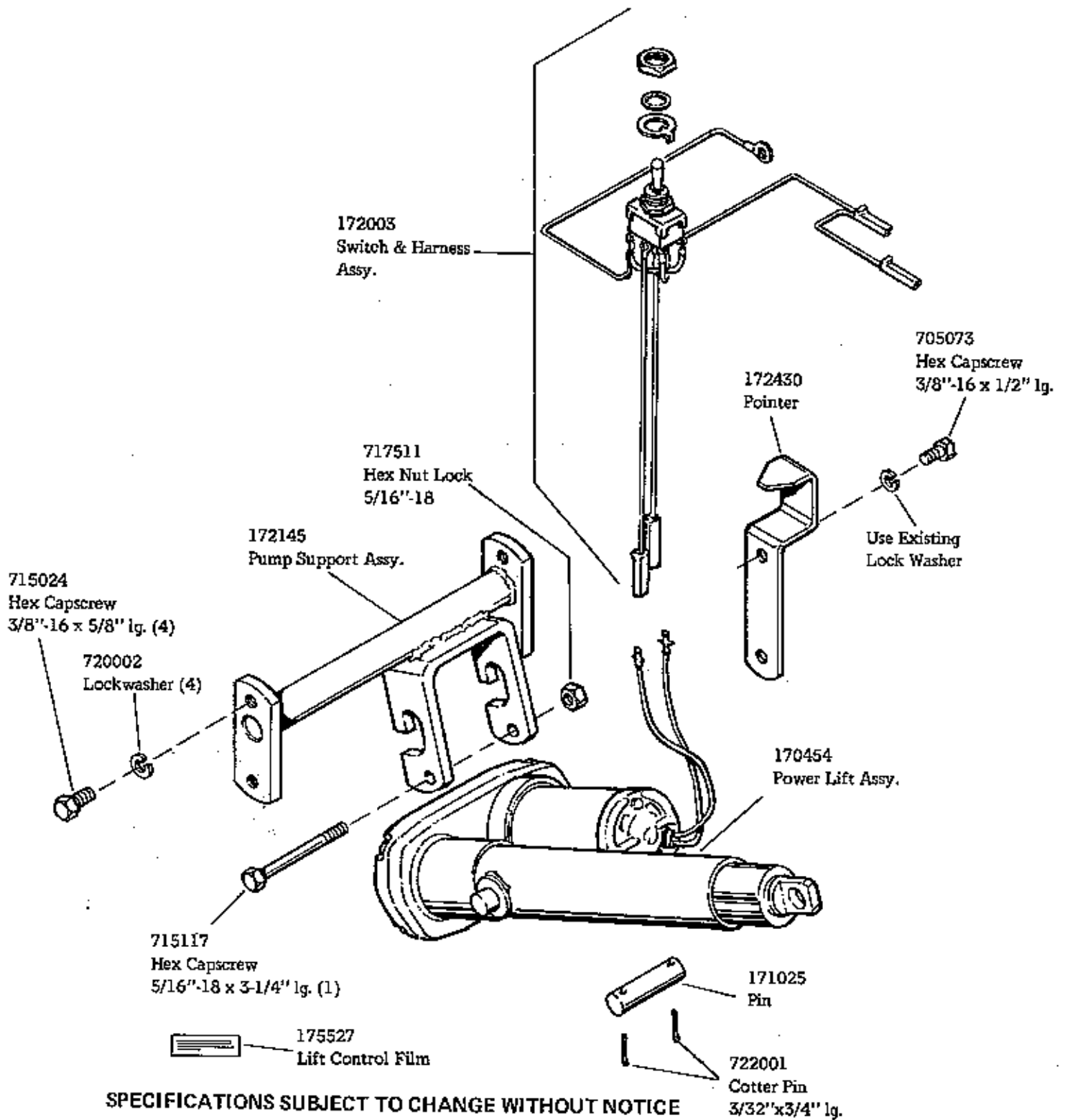
10. Secure the ram of the power lift assembly to the ears of the tractor lift shaft with 1 (171025) pin and 2 (722001) cotter pin, 3/32 x 3/4" lg.
11. Connect the red wire of the power lift assembly to the red wire of the harness assembly. Do the same with the yellow wire. Tape both connections.



12. Remove the lift lever assembly.
13. Replace the lift lever assembly with the pointer and secure with 2 (705073) Hex Cap Screws, 3/8"-16 x 1/2" lg.



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SAFETY PRECAUTIONS TO PROTECT YOURSELF AND OTHERS

OPERATION

Know the controls and how to stop quickly - **READ THE OWNER'S MANUAL.**

Do not allow children to operate vehicle. Do not allow adults to operate it without proper instruction.

Do not carry passengers. **KEEP CHILDREN AND PETS A SAFE DISTANCE AWAY.**

Clear work area of objects which might be picked up and thrown.

Take all possible precautions when leaving vehicle unattended; such as disengaging power-take-off, lowering attachments, shifting into neutral, setting parking brake, stopping engine and removing key.

Do not stop or start suddenly when going uphill or downhill. Mow up and down the face of steep slopes; never across the face.

Reduce speed on slopes and in sharp turns to prevent tipping or loss of control. Exercise extreme caution when changing direction on slopes.

Stay alert for holes in terrain and other hidden hazards.

Use care when pulling loads or using heavy equipment.

- A. Use only approved drawbar hitch points.
- B. Limit loads to those you can safely control.
- C. Do not turn sharply. Use care when backing.
- D. Use counterweight (s) or wheel weights when suggested in owner's manual.

Watch out for traffic when crossing or near roadways.

Keep all nuts, bolts, and screws tight to be sure equipment is in safe working condition.

Do not alter basic engine governor settings or overspeed engine.

Do not operate equipment when barefoot or wearing open sandals. Always wear substantial footwear.

FUEL & FIRE HAZARDS

Handle gasoline with care -- it is highly flammable.

- A. Use approved gasoline container.
- B. Never remove cap or add gasoline to a running or hot engine or fill fuel tank indoors. Wipe up spilled gasoline.

C. Open doors if engine is run in garage -- exhaust fumes are dangerous. Do not run engine indoors.

Never store equipment with gasoline in the tank inside a building where fumes may reach an open flame or spark.

Allow engine to cool before storing in any enclosure.

To reduce fire hazard keep engine free of grass, leaves or excessive grease.

ATTACHMENTS

Disengage all attachment clutches and shift into neutral before attempting to start engine.

Disengage power to attachments and stop engine before leaving operator position.

Disengage power to attachment (s) and stop engine before making any repairs or adjustments.

Disengage power to attachments when transporting or not in use.

When using any attachments never direct discharge of material toward bystanders or allow anyone near vehicle while in operation.

Keep vehicle and attachments in good operating condition and keep safety devices in place. Use guards as instructed in owner's manual.

Vehicle and attachments should be stopped and inspected for damage after striking a foreign object and the damage should be repaired before restarting and operating the equipment.

When using vehicle with mower:

- (1) Mow only in daylight or in good artificial light.
- (2) Never make a cutting height adjustment while engine is running if operator must dismount to do so.
- (3) Shut engine off when unclogging chute.
- (4) Check blade mounting bolts for proper tightness at frequent intervals.

Stop blades when crossing gravel drives, walks or roads.

If the equipment should start to vibrate abnormally, stop the engine and check immediately for the cause. Vibration is generally a warning of trouble.